

Converting Colors

CIELCh(65, 18.751, 323.527)

Have a look what the booklet for
CIELCh(65, 18.751, 323.527)
contains.

CIELCh(65, 19.043, 323.378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 19.043, 323.378)

Conversions

Conversions Part 1

Format	Color
Hex	B095B2
RGB	176, 149, 178
RGB Percent	69%, 58%, 70%
CMY	0.3089, 0.4148, 0.3010
CMYK	0.01, 0.16, 0.00, 0.30
HSL	296°, 16%, 64%
HSV	296°, 16%, 70%
XYZ	36.7994, 34.0472, 46.8738
YIQ	160.3790, 6.7830, 14.7430

Conversions

Conversions Part 2

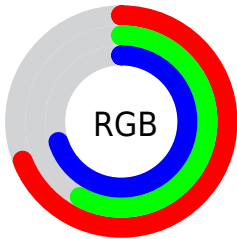
Format	Color
RYB	176, 149, 178
Decimal	11572658
CIELab	65.00, 15.28, -11.36
CIELCh	65, 19.043, 323.378
Yxy	34.0472, 0.3126, 0.2892
Android (android.graphics.Color)	4289762738 (0xFFB095B2)
YUV	160.3790, 8.6872, 13.6996
Hunter-Lab	58.3500, 10.4617, -6.7840

Details

The CIELCh color $65, 19.043, 323.378$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 18.983, 141.681$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 19.339, 323.361$, and $45, 18.918, 323.464$ is the 20% darker color. If you saturate the color by 10%, you get $60, 30.815, 323.875$, and if you desaturate by 10%, it is $70, 7.296, 322.861$.

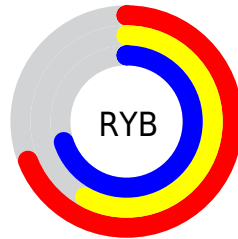
Distribution



Red (69%)

Green (58%)

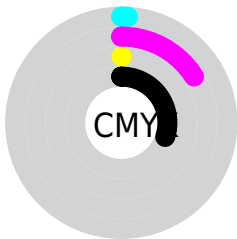
Blue (70%)



Red (69%)

Yellow (58%)

Blue (70%)

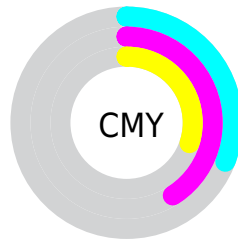


Cyan (1%)

Magenta (16%)

Yellow (0%)

Black (30%)



Cyan (31%)


Magenta (41%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.043, 323.378 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 19.043, 323.378 by changing the saturation by 10% instead.


 65, 19.043,
323.378


 65, 19.043,
323.378


 100, 19.043,
323.378


 55, 19.043,
323.378


 85, 19.043,
323.378

 45, 19.043,
323.378

 95, 19.043,
323.378

 35, 19.043,
323.378

 25, 19.043,
323.378

 15, 19.043,
323.378

 5, 19.043, 323.378

 0, 19.043, 323.378

65, 19.043,
323.378

65, 19.043,
323.378

60, 30.815,
323.875

70, 7.296, 322.861

56, 42.410,
324.350

74, 4.281, 142.451

52, 53.534,
324.785

79, 15.605,
141.936

49, 63.802,
325.158

84, 26.627,
141.473

46, 72.762,
325.446

89, 37.325,
141.038

43, 79.951,
325.624

94, 47.006,
140.630


42, 85.012,
325.675

94, 46.767,
140.230

40, 87.871,

94, 46.529,
139.824

325.592

 94, 46.292,
139.412

 40, 88.683,
325.547

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 19.043, 323.378



70, 18.983, 141.681

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 19.043, 323.378



65, 19.043, 13.378



65, 19.043, 143.378



65, 19.043, 193.378

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 19.041, 323.378



89, 7.202, 322.795



63, 14.877, 288.460



47, 4.955, 322.834



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 19.041, 323.378



80, 29.045, 323.582



65, 14.542, 340.667



35, 6.609, 323.023



34, 79.237, 325.579



2, 15.737, 321.615

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64, 11.526, 15.001



79, 17.799, 15.425



70, 14.348, 158.142



35, 3.921, 14.336



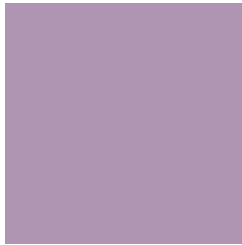
31, 68.415, 36.694



2, 9.193, 14.983

Previews

White Background



This preview shows how the CIELCh color 65, 19.043, 323.378 looks on a white background.

Color Contrast Check

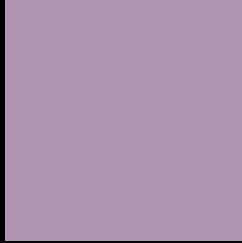
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 19.043, 323.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 19.043, 323.378

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.043, 323.378.



This preview shows how white text looks on a background with the CIELCh color 65, 19.043, 323.378.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


65, 19.043, 323.378

Protanopia

65, 14.492, 286.085

Deuteranopia

65, 13.371, 307.382



Tritanopia
65, 10.763, 342.259

Trichromacy



Original Color
65, 19.043, 323.378

Protanomaly
65, 15.293, 301.239

Deuteranomaly
65, 15.185, 314.380

Tritanomaly
65, 13.549, 333.205

Monochromacy



Original Color
65, 19.043, 323.378

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.748, 324.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.043, 323.378 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 149, 178)` looks like.

```
.text, #text, p{  
    color:rgb(176, 149, 178)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 149, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 149, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.043, 323.378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 149, 178) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(176, 149, 178) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(176, 149, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 149, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 149, 178);  
box-shadow:4px 4px 4px 4px rgb(176, 149,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.043, 323.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 149, 178) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
149, 178) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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